

<b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>✓ DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A FILING UNDER 35 U.S.C. 371</b>		Atty. Docket No. GWS-008 U.S. APPLICATION NO. (If known, see 37 CFR 1.51) <b>10/581950</b>
INTERNATIONAL APPLICATION NO. PCT/US2004/044097	INTERNATIONAL FILING DATE December 11, 2004	PRIORITY DATE CLAIMED December 12, 2003
TITLE OF INVENTION METAL INTERCONNECT SYSTEM AND METHOD FOR DIRECT DIE ATTACHMENT		
APPLICANT(S) FOR DO/EO/US Anderson et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"><li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).</li><li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li><li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol></li><li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). (Not applicable – application was written and filed in English).<ol style="list-style-type: none"><li>a. <input type="checkbox"/> is attached hereto.</li><li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol></li><li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(C)(3))<ol style="list-style-type: none"><li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li><li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li></ol></li><li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li><li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li><li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li></ol>		
<b>Items 11 To 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"><li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, including Form PTO-1449 and copies of references C1-C2.</li><li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li><li>13. <input checked="" type="checkbox"/> A Preliminary Amendment</li><li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li><li>15. <input type="checkbox"/> A substitute specification.</li><li>16. <input type="checkbox"/> A copy of Power of Attorney form.</li><li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li><li>18. <input checked="" type="checkbox"/> A copy of the published international application under 35 U.S.C. 154(d)(4).</li><li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li><li>20. <input checked="" type="checkbox"/> Other items or information: Return receipt postcard</li></ol>		

10/581950

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21. The following fees are submitted:				<b>CALCULATIONS</b> <span style="float: right;">PTO USE ONLY</span>	
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00 <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 <input checked="" type="checkbox"/> c) Search fee ..... \$500.00 <input type="checkbox"/> d) Size fee (for each additional 50 sheets over 100 sheets) ..... \$250.00					
<b>ENTER APPROPRIATE FEE AMOUNT =</b>				\$ 1000.00	
Surcharge of \$130.00 for furnishing the oath or declaration of later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	34 - 20 =	14	X \$50.00	\$ 700.00	
Independent claims	5 - 3 =	2	X \$200.00	\$ 400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 2100.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$ 2100.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ 2100.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 2100.00	
				<b>Amount to be:</b>	\$
				<b>refunded</b>	
				<b>charged</b>	\$

- a. ☒ A check in the amount of \$2100.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Account No. 07-1700.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Patent Administrator  
Goodwin | Procter LLP  
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Boston, MA 02109  
Customer No. 051414



SIGNATURE

Natasha C. Us  
NAME

44,381  
REGISTRATION NUMBER

June 7, 2006  
DATE



10/581950

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## RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : not yet assigned  
Applicant : Great Wall Semiconductor Corporation  
Attorney Docket No. : 104023-679-PCT  
Title : METAL INTERCONNECT SYSTEM AND METHOD FOR  
DIRECT DIE ATTACHMENT

The U.S. Patent & Trademark Office stamp herein acknowledges receipt of the following:

1. Transmittal Letter to US Receiving Office (1 SHEET)
2. Preliminary Amendment including: (2 SHEETS)
  - a. Substitute Specification - Clean Version; (21 SHEETS)
  - b. Substitute Specification - Annotated; (21 SHEETS)
  - c. Complete Set of Drawings - FIGS. 1-8A (11 SHEETS)
  - d. Copy of Original Submission filed on 12/10/2004.
3. Acknowledgment Postcard.

Express Mail Label:

ED276 846431 US

Date Mailed:

December 11, 2004

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## Deposited: 12/11/2004

Frank

Docket No.	:	104023-679PCT
Int'l Application No.	:	not yet assigned
Applicant	:	Great Wall Semiconductor Corporation
Title	:	METAL INTERCONNECT SYSTEM AND METHOD FOR DIRECT DIE ATTACHMENT



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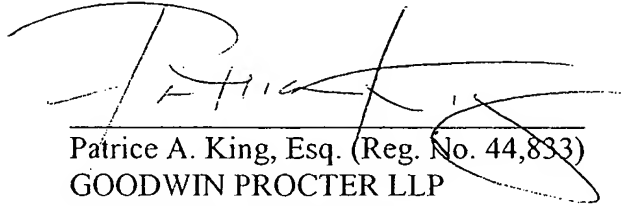
10/581950

The Commissioner is authorized to charge all required fees, including any additional fees resulting from this submission, or credit any overpayment to Deposit

AP20 Rec'd PCT/PTO 37 JUN 2006

Account 06-0923.

Respectfully submitted for Applicant,



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